Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Withdrawn) A display device, comprising:

a high-voltage power supply circuit:

an MIM-type field emission display panel to which a voltage is supplied from the high-voltage power supply circuit;

a data driver for supplying display data to the field emission display panel; and

a current measuring circuit for detecting a current flowing from the high-voltage power supply circuit to the field emission display panel, wherein

an amplitude of an output supplied from the data driver to the field emission display panel is controlled according to a value of the current detected by the current measuring circuit.

2. (Withdrawn) A display device, comprising:

a high-voltage power supply circuit;

an MIM-type field emission display panel to which a voltage is supplied from the high-voltage power supply circuit;

a scan driver for scanning the field emission display panel; and

a current measuring circuit for detecting a current flowing from the high-voltage power supply circuit to the field emission display panel, wherein

an amplitude of a driver voltage supplied from the scan driver to the field emission display panel is controlled according to a value of the current detected by the current measuring circuit.

3. (Withdrawn) A display device, comprising:

a high-voltage power supply circuit;

a field emission display panel to which a voltage is supplied from the high-voltage power supply circuit;

a video signal processing circuit for supplying a video signal to the field emission display panel;

a data driver for supplying display data according to a signal from the video signal processing circuit to the field emission display panel; and

a current measuring circuit for detecting a current flowing from the high-voltage power supply circuit to the field emission display panel, wherein

an output supplied from the data driver to the field emission display panel is controlled when the current measuring circuit detects a first current value and the video signal processing circuit is controlled when the current measuring circuit detects a second current value.

4. (Withdrawn) A display device, comprising:

a high-voltage power supply circuit;

a field emission display panel to which a voltage is supplied from the high-voltage power supply circuit;

a video signal processing circuit for supplying a video signal to the field emission display panel;

a data driver for supplying display data according to a signal from the video signal processing circuit to the field emission display panel;

a scan driver for scanning the field emission display panel; and

a current measuring circuit for detecting a current flowing from the high-voltage power supply circuit to the field emission display panel, wherein

an output supplied from the scan driver to the field emission display panel is controlled when the current measuring circuit detects a first current value and the video signal processing circuit is controlled when the current measuring circuit detects a second current value.

5. (Withdrawn) A display device according to claim 3, further comprising first setting in which the first current value to be detected is larger than the second current value

to be detected and second setting in which the first current value to be detected is smaller than the second current value to be detected.

6. (Withdrawn) A display device according to claim 4, further comprising first setting in which the first current value to be detected is larger than the second current value to be detected and second setting in which the first current value to be detected is smaller than the second current value to be detected.

7. (Withdrawn) A display, comprising:

a field emission display module including a high-voltage power supply circuit,

a field emission display panel to which a voltage is supplied from the high-voltage power supply circuit,

a scan driver for scanning the field emission display panel, and

a current measuring circuit for detecting a current flowing from the high-voltage power supply circuit to the field emission display panel, and

a video signal processing circuit for supplying a video signal to the field emission display module,

wherein an output from the scan driver is controlled according to a current value detected by the current measuring circuit and an output signal from the current measuring circuit is outputted from a terminal disposed in the field emission display module to be used by an external circuit, the external circuit driving the field emission display module.

8. (Withdrawn) A display device, comprising:

a field emission display module including a high-voltage power supply circuit,

a field emission display panel to which a voltage is supplied from the high-voltage power supply circuit,

a scan driver for scanning the field emission display panel,

a data driver for supplying display data to the field emission display panel, and

a current measuring circuit for detecting a current flowing from the high-voltage power supply circuit to the field emission display panel, and a video signal processing circuit for supplying a video signal to the field emission display module,

wherein an output from the data driver is controlled according to a current value detected by the current measuring circuit and an output signal from the current measuring circuit is outputted from a terminal disposed in the field emission display module to be used by an external circuit, the external circuit driving the field emission display module.

9. (Currently Amended) A display device, comprising:

a high-voltage power supply circuit;

a display panel to which a voltage is supplied from the high-voltage power supply circuit;

a video signal processing circuit for supplying a video signal to the display panel;

a data driver for supplying display data according to a signal from the video signal processing circuit to the display panel; and

a current measuring circuit for detecting a high-voltage current flowing from the high-voltage power supply circuit to the display panel, wherein

an output supplied from the data driver to the display panel is controlled so as to be reduced when an amount of the high-voltage current detected by the current measuring circuit exceeds ~~detects~~ a first threshold current value, and the video signal processing circuit controls an amplitude of the video signal so as to be reduced ~~is controlled~~ when an amount of the high-voltage current detected by the current measuring circuit exceeds ~~detects~~ a second threshold current value.

10. (Currently Amended) A display device, comprising:

a high-voltage power supply circuit;

a display panel to which a voltage is supplied from the high-voltage power supply circuit;

a video signal processing circuit for supplying a video signal to the display panel;

a data driver for supplying display data according to a signal from the video signal processing circuit to the display panel;

a scan driver for scanning the display panel; and

a current measuring circuit for detecting a high-voltage current flowing from the high-voltage power supply circuit to the display panel, wherein

an output supplied from the scan driver to the display panel is controlled so as to be reduced when an amount of the high-voltage current detected by current measuring circuit exceeds ~~detects~~ a first threshold current value, and the video signal processing circuit controls an amplitude of the video signal so as to be reduced ~~is controlled~~ when an amount of the high-voltage current detected by the current measuring circuit exceeds ~~detects~~ a second threshold current value.

11. (New) The display device according to claim 9, wherein a value of the first threshold value is arranged to be set larger than a value of the second threshold value when the video signal comprises a TV signal.

12. (New) The display device according to claim 9, wherein a value of the second threshold value is arranged to be set larger than a value of the first threshold value when the video signal comprises a PC signal sent from a personal computer.

13. (New) The display device according to claim 10, wherein a value of the first threshold value is arranged to be set larger than a value of the second threshold value when the video signal comprises a TV signal.

14. (New) The display device according to claim 10, wherein a value of the second threshold value is arranged to be set larger than a value of the first threshold value when the video signal comprises a PC signal sent from a personal computer.